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Docket No. 0675-0030

#17  
And B  
J. White  
g-18-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Tsuneo KYOUNO et al. )  
Serial No. 09/601,319 )  
Filed: October 23, 2000 )  
For: ELECTROMAGNETIC )  
ACTUATOR AND STRUCTURE )  
FOR MOUNTING THE SAME )

Art Unit: 2832  
Examiner: L. Donovan

CERTIFICATE OF MAILING

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Washington, D.C. 20231, on 8/24/02

PRELIMINARY AMENDMENT

Honorable Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated February 21, 2002 please amend the  
above-identified application as follows:

IN THE CLAIMS:

Please cancel claim 3 and amend claims 1 and 2 as follows:

1. (Twice Amended) An electromagnetic actuator having a coil on which  
current is applied, a magnet that forms a magnetic circuit between its poles across a  
magnetic gap with a magnet yoke, a diaphragm that vibrates by magnetic action when a  
high-frequency current is applied and a vibration plate that vibrates by magnetic action  
when a low-frequency current is applied, with the coil positioned within the magnetic  
gap and the coil, the magnet, the magnet yoke, the diaphragm, and the vibration plate  
are accommodated in a basket in which the magnet is formed in a ring shape, and the  
magnet is magnetized with a south pole located at one of an outer or inner periphery of  
the ring shape magnet and a north pole located at the other of an inner or outer

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